

DEC⁶⁵/FEB 1966

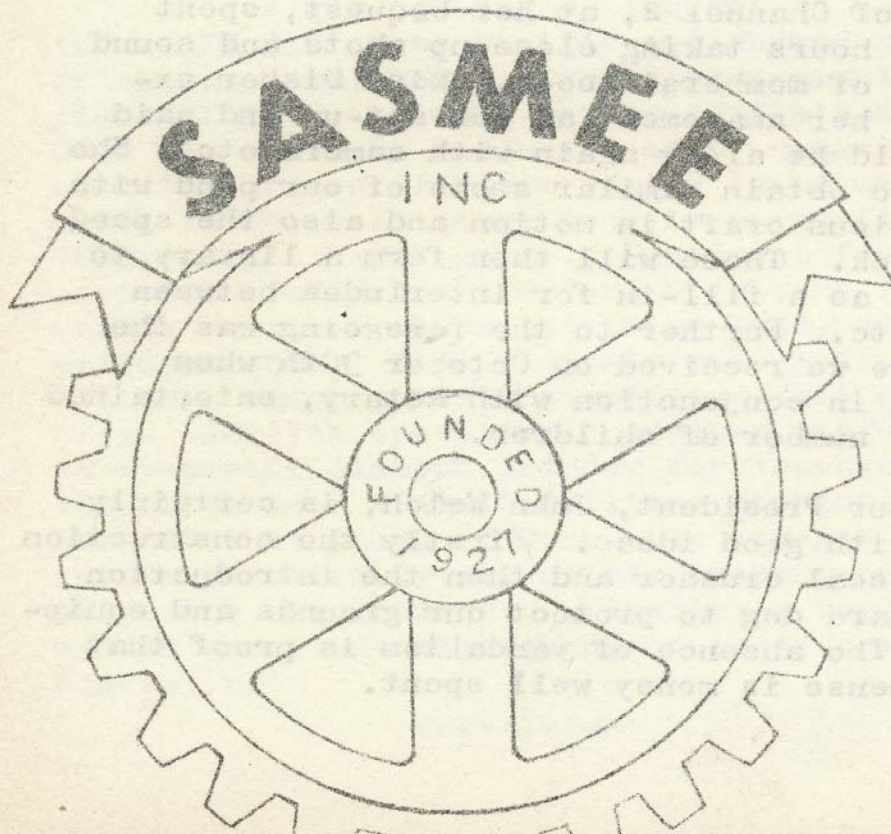
SOUTH AUSTRALIAN SOCIETY OF MODEL
& EXPERIMENTAL ENGINEERS

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S A S M E E

BULLETIN

THE OFFICIAL JOURNAL OF THE SOUTH AUSTRALIAN SOCIETY
OF MODEL AND EXPERIMENTAL ENGINEERS.



EDITORIAL

The increasing interest of the public generally in our activities is amply demonstrated by the attention we are receiving from the various television channels. Most of us viewed with pleasure the excellent coverage by Channel 9 when our President was interviewed by Kevin Crease on the occasion of the public being advised that the services of a guard dog had been engaged to counter vandalism at the Park. On October 23rd, Saturday, Miss Joan Disher of Channel 2, at her bequest, spent several hours taking close-up shots and sound effects of members' locos. Miss Disher expressed her amazement at our set-up and said she would be along again with camera etc. She hopes to obtain similar shots of our pond with the various craft in motion and also the speed car track. These will then form a library to be used as a fill-in for interludes between films etc. Further to the foregoing was the coverage we received on October 30th when SASMEE, in conjunction with Rotary, entertained a large number of children.

Our President, John Welch, is certainly a man with good ideas. Firstly the construction of the coal crusher and then the introduction of a guard dog to protect our grounds and equipment. The absence of vandalism is proof that the expense is money well spent.

Once again Father Time takes his toll and with great regret we record the passing of Phil Claridge and N. Denton. It behoves every member to help fill the gaps in our ranks by trying to find new members thereby keeping our Society in a strong and healthy condition.

Descriptions of members' workshops seem to be proving popular as I received further invitations to report on their activities. On another page appear my impressions.

During the current quarter SASMEE has made several interesting visits to various organisations. Your committee would be pleased to hear from members suggestions for the coming year.

I would like to take this opportunity of wishing members the compliments of the season and may you have a successful New Year, both at work and in following your hobby, whether it be speed cars, marine, or just plain loco.

QUARTERLY AGENDA

GENERAL MEETINGS (2nd Tuesday each month at 8.00 p.m.)

14th December Claude Miller will give another of his interesting talks on tools and workshop practice.

11th January No speaker owing to holidays.

8th February Dr. Brian Opie will deliver lecture on time and the solar system. Something unusual and worthwhile.

INTERMEDIATE MEETINGS (4th Tuesday each month at 8.00 p.m. - informal.)

28th December 25th January 22nd February
CANCELLED

COMMITTEE MEETINGS (1st Tuesday each month at 7.30 p.m.)

7th December 4th January 1st February

WORKING BEES OFFICIAL (1st Saturday each month at 12.00 noon)

4th December 1st January 5th February
CANCELLED

PUBLIC FIELD DAYS (3rd Saturday each month at 2.00 - 5.00 p.m.)

18th December 15th January 19th February

VISITS BY MEMBERS TO PLACES OF INTEREST

Saturday, 27th November - The News and Mail
Printing Office at 7.15 p.m.

FUNCTION IN AID OF CHARITABLE ORGANISATION

Saturday, 11th December - B.P. (Australia)
Social Club at 2.00 p.m.

CANTEEN ROSTER

GENERAL CLUB MEETINGS (Tuesday nights)

<u>December</u>	<u>January</u>	<u>February</u>
J. Wakefield	K. Stephens	N. Kernick
A. Brabham	P. Griscti	R. Gieseche

FIELD DAYS (3rd Saturday each month)

M. Mitchell	T. England	M. Dunkley
K. Middleton	J. Moorfield	A. Frankham

Reserves

J. Spry
C. Miller (Phone 46.1520)

INTERSTATE ROUND-UPSurrey Hills Steam Locomotive Society

Judging from Stan's latest news sheet big things can soon be expected from our Victorian friends. Already £355. 0. 0. in donations has been received and banked and this is only about half of the promised amount. With the signing of the lease, the first job is the erection of the fence to be followed by the purchase and erection of the club room and facilities and also setting up of the portable track. From our own experience this is a big step forward and in Stan's own words "Things will begin to move".

Small back garden tracks have a charm all of their own and no doubt promote a very friendly state of affairs among members but with a membership of 165 the need for a much larger track becomes self evident.

Dudley Smith at Eddington seems to be "sold" on steel boilers and SASMEE boys would be interested to hear of his experience in this metal instead of the more costly copper.

Stan mentions that at Beaufort they are going ahead with a ground level model track. This will make a visit all the more interesting.

THE QUEENSLAND SOCIETY OF MODEL & EXPERIMENTAL
ENGINEERS

The latest issue of the "Oilcan" contains some very interesting items, particularly those with reference to SASMEE. There is a complete description of our "Park", the report being supplied by Morrie Turner on his recent trip to "The Land of the Pineapple". "Oilcan" also mentions that Jim Ranford of the Sydney Society of Live Steamers showed a film of our Easter opening to the delight of our nothern friends.

There is also an excellent article (Part 2) of the Romney, Hyth and Dymchurch 15" gauge railway on the rolling stock. Another interesting item is the construction of a boring bar for the lathe. Also I rather liked the humorous description of their June trackday.

SASMEE members offer you their best wishes for a successful "Model Railway Week" in Brisbane, November 15, - 20.

I notice that a partly built 3½" Hielan Lassie is for sale. Contact J. Jackson at 26 Pascoe Street, Mitchelton, Phone 55.3005.

SYDNEY LIVE STEAM LOCOMOTIVE SOCIETY

The suggestion that the combined clubs (Model Engineering) of Australia should compile a roster of modelers in a small booklet sounds very good. By now you will have heard the scheme outlined by Niel Campbell, publicity officer of Sydney Live Steamers, and if you are interested in this proposal, please fill in the particulars of the attached form and return to the Secretary.

NEWS ITEMS IN BRIEF

A brief note from Howard MacMahon of Melbourne Society of Model and Experimental Engineers states that he has resigned the office of Hon. Sec. after 10 years of service, and that the new Hon. Sec. is Mr. David Smith of Ross Street, The Basin, Victoria.

The address of the Guard Dog proprietor is: M. Montgomery, Mt. Bold Road, Kangarilla, Phone 28U.

Ken Middleton had the misfortune of a runaway with his brand new "Butch" recently while being filmed for television. Fortunately no serious damage resulted.

It is a matter for congratulation that every member of SASMEE is financially up to date and your Committee is very pleased with your response in this important matter.

Owen Thomas showed me a copy of SASMEE Bulletin for the period March/April/May, 1956. It consists of 1 sheet only and widely spaced at that.

Do not forget to keep Saturday, November 27th clear for the visit to the "News and Mail" office. (Evening.)

Another successful jumble sale was held at the October meeting under the hammer of the well known firm of Alan Frankham Unlimited. A large quantity of desirable material was disposed of. Also some very enlightening doings of scrry learner at a school for young ladies during a recent tour of Queensland were brought to light. A suitable penalty was imposed by the President.

Saturday, October 23, was the occasion for a visit from Channel 2 in the person of Miss Joan Disher and camera man. They spent over two hours filming various members' locos, taking a number of close-up shots, and the film was televised on Monday, November 1, and should prove of great value for the publicity it gave us.

NEWS ITEMS IN BRIEF

Will all members whose address has been changed please notify me. Also give phone number if applicable.

Do not forget that brakes on riding trucks and a standard type of coupling will be enforced by May 31, 1966.

Those members who assisted in overhauling the steam house boiler deserve a vote of thanks for their work on this important part of our equipment.

It is pleasing to notice the interest shown by Mr. Schaunloffel who, with his family, has paid us several visits lately on our field days.

Harry Pearce has just returned from an interstate trip.

Morrie Turner has also spent an enjoyable four weeks in sunny Queensland.

At time of writing, our President, John Welch, has just returned from Western Australia.

On Rotary Day, October 30th, Bob Brown brought along his part completed 2½" gauge Peterborough Garrett 400 Class. Running under air Bob expressed satisfaction with his progress. He hopes to complete this loco in about 12 months.

Don't forget to keep Saturday, December 11, clear when SASMEE members in conjunction with B.P. Social Club will give a Christmas party to a number of children.

During the last few months we have had several interesting tours in the evening, namely Chrysler Australia and S.A. Gas Co. These were well attended by members and our thanks are tendered to the managements and those who organised the tours.

M. W. Coleman, 5 Highgate Grove, Ashburton, Victoria is in the market for 5" gauge tank engine, would possibly consider a tender loco. (Phone 25.2110 Private or 86.5321 Business, Melbourne.)

NEWS ITEMS IN BRIEF

Commencing in November the Co-operative Insurance Company will handle all of our insurance policies. This move will simplify our Treasurer's work in this respect.

This is important for our loco drivers: as mentioned at the General Meeting, November 9, spark arrestors must be fitted before December Field Day. The committee has received complaints of holes being burnt in clothing and no loco will be permitted on the track unless fitted with an effective spark arrestor.

A QUICK LOOK AROUND THE PARK

The kitchen sink overflow has been moved out several feet and will drain into a sump. This will eliminate damp near the steam bay. This is a good move. Additional Besser block walling has been built, leading up to the station and a number of seats have been erected in various spots for the public.

With the coming of summer expansion of the track is creating the problem of misalignment and the solution seems to lie in a series of expansion joints. This is a matter requiring urgent attention before Summer really sets in. The boiler in the steam house has recently

A QUICK LOOK AROUND THE PARK

been overhauled and should be good for several seasons of trouble free operation. This feature of our attractions is a popular one and time spent on its maintenance is worthwhile.

Trees and shrubs in the grounds are looking fine and are a credit to those who tend and water them.

It must be obvious on reading the above notes that a considerable amount of work and effort has been expended to bring about this state of affairs. Unfortunately, it is the same small band of workers who regularly attend the working bees and it is very discouraging for them that the bulk of the work falls on their shoulders. Every member who is fit should be prepared to come along and do his bit to improve SASMEE and maintain it in good order. Our set up is rapidly becoming one of Adelaide's show places and it is up to you to see that it remains so. The committee feels strongly that too many members only attend on Field Days to enjoy an afternoon's pleasure, but do nothing in return. You are requested to give this matter your attention and ease the load of the willing few.

I notice that our sign board on the club house has been taken down and will be painted and rewritten.

A QUICK LOOK AROUND THE PARK

A move is on foot to extend a line from the steam bay up to a point near the entrance gates, thus making it easier to unload and load locos directly onto the track. This will be of great assistance to members running a heavy 5" gauge.

Members using the air compressor on off days are asked to switch off same when finished with. It has been left running unnecessarily on different occasions and your co-operation is desired in this respect.

The new coal crusher is a great improvement over the old method and a bag of briquettes is disposed of in a very short time. It has been suggested that it be equipped with wheels to make it easier to handle in and out of the station storeroom. Here is just another job where you could possibly help.

WE LOSE A VALUED MEMBER

It is with great regret that SASMEE will shortly say "Good bye" to Ken Middleton. His company is transferring him to Sydney and we all join in wishing him every success in his job.

WE LOSE A VALUED MEMBER

Ken, although not an old member, has been one of our most enthusiastic and diligent workers. Apart from working bees, he has taken a keen interest in club affairs and has often come up with helpful suggestions and advice which have been of great assistance. In, I believe, his third year of membership, he has held the office of Vice President.

The club appreciates his help in the electrical side both in theory and practical aspects.

No doubt, Ken will pursue his hobby with the Sydney boys and we will look forward to hearing from him in the near future.

All SASMEE wishes you "Good Modelling" Ken, and trouble free running with Butch.

ROTARY FIELD DAY

In fine weather, on October 30, the Woodville branch of Rotary entertained a large crowd of children and adults at SASMEE Park. The visitors were introduced by Ken Middleton, President of Woodville Rotary.

Children from Walkerville Boys Home, The Farr Home for Girls at Springfield and Townsend House, Brighton, were delighted with train rides and speed boats and cars. Cool drinks were served by Mr. & Mrs. Small, Chairman of Community Service.

ROTARY FIELD DAY

Admission was by ticket only, the sale of these was handled by Mr. B. van Essen, Chairman of Fellowship Committee. At the peak of track activity 12 locos were in traffic for a considerable period.

LOCO DRIVERS

T. England	: 3 $\frac{1}{2}$ "	Brittania
R. Skewes	: 3 $\frac{1}{2}$ "	Jubilee
D. Irving	: 5"	Springbok
R. Giesecke	: 3 $\frac{1}{2}$ "	500 Mountain type
M. Turner	: 5"	Brittania
B. Smith	: 3 $\frac{1}{2}$ "	Diesel
C. Miller	: 3 $\frac{1}{2}$ "	600 Class
K. Middleton	: 5"	Butch
K. Hall	: 3 $\frac{1}{2}$ "	Pamela
J. Wakefield	: 3 $\frac{1}{2}$ "	Bantam Cock
M. Mitchell	: 3 $\frac{1}{2}$ "	Brittania
J. Moorfield	: 3 $\frac{1}{2}$ "	W.A.G.R. Diesel

Although a spot of congestion occurred occasionally, all drivers reported a good run and derived as much enjoyment as did their small passengers.

Turning to the boat pond I observed much activity taking place, with various types of craft holding the small fry spellbound.

Members present contributing to the spectacle were:

Bill Perrin	:	Tug Boat
Herb Croker	:	Tub "Jumbo"
Norm Kernick	:	Hydroplane
Charlie Manning	:	Cargo Liner
John Moorfield	:	Launch

Bill and Charlie were giving a demonstration of a liner being towed by a tug but a strong side wind upset their calculations. Norm's hydroplane was going great guns and he told me that he was getting between 55 and 60 m.p.h. from it.

Altogether a most enjoyable afternoon was spent by all present and we all returned home with the smell of smoke, steam and hot oil in our noses and cinders in our hair.

FIELD DAY OCTOBER 16TH

Another successful track day was held at the Park when children, under the care of Mrs. Marks, from 1st Forestville Cub Pack, boys from 1st Black Forest with Mrs. Goodrich, Mrs. Schutte, Mr. R. Harris in charge, and girls and boys from Townsend House supervised by Mrs. Sinclair and Miss Weaver, were thrilled by speed cars, boats and hydroplanes and train rides.

Apart from these visitors a large number of the public was present, thus demonstrating the popularity of SASMEE Park. Alan Frankham kept us well informed of the various activities, and also enlivened the doings with suitable music.

FRED HERCUS

Knowing the background of Fred I expected to see a lavishly equipped workshop complete with every known type of machine tool but to my surprise I entered a set-up which the average modeller possesses. This to my mind is playing fair with his fellow members and Fred therefore encounters the same problems which us, less fortunate members, come up against.

An old favourite, a 4" flat bed "Hercus" (In his own words a bitzer) but still a nice piece of machinery, a "Hercus" bench drill, an emery wheel stand made by his father and a milling machine constructed from various reject parts from the Hercus works plus an excellent kit of hand tools completes his equipment. Fred has been a member for about 37 years and in that time has built 6 stationary steam engines, an Olympiad Loco, a 4-6-0 with tender and fitted with 3 cylinders. At the moment he is busy on S.A.R. RX A 4-6-0 and tender but with outside cylinders and piston valves, Walschaert gear. Wheels, axles, cylinders and motion, brakes and fittings completed. Boiler and tender half finished and should be running in about a year.

Fred is also interested in photography, both movies and stills, He is also constructing a 5" and 3½" gauge track at Stirling. Roughly circular it is about 450' long.

Modelling aside, Fred told me that his works have built 666 3½" bar-bed lathes, 375 4" flat bed lathes and the 10,000th V bed recently exhibited at Sydney Machine Tool Show was presented to Pt. Mores by Technical College. In anybody's language that is a lot of lathe.

MORRIE TURNER

For a man whose profession is far removed from engineering, Morrie is very nicely equipped with machinery to follow his hobby. After a recount I settled on a Model "A" Hercus lathe, Miller (by C. Miller) shaper, Servian $\frac{1}{2}$ " drilling machine, oxy set, arc welding set, 6" emery head, air compressor, high speed emery head, 4" flat bed "Hercus" lathe, band saw for cutting metal, 4" linisher and hand tools galore. He makes his own patterns for castings and showed me a box full. (By the way, if you are requiring drills have a word with him.)

Morrie has been a member for approximately 8 years and in that time has constructed Jubilee LMS tank loco in $3\frac{1}{2}$ " gauge, Allchin traction engine in $1\frac{1}{2}$ " scale, 5" Brittania, Unicorn mill engine and part finished Vulcan Beam engine. He is now planning to make the "Allchin" in $2\frac{1}{4}$ " scale and if completed he plans to go into competition with the Highways Department. Also a very nice stationary boiler to run his Beam engine. At the moment he is overhauling "Jubilee".

He is truly a most enthusiastic modeller and as his creations have shown, a very proficient one.

JOHN WELCH

The first thing to catch my eye on entering John's nicely built workshop was an imposing "Jubilee" in 5" gauge. If it is anything like another of same breed in $3\frac{1}{2}$ " it should be able to show a clean pair of heels or should I say drag beam, to most other 5" locos we have yet seen. John is putting some fine work into this, his first attempt. An interesting feature is the split axle boxes. Owing to being a free agent from work, he should be able to make some rapid progress with his loco and with his well equipped workshop turn out a nice piece of cinder making machinery. To do the machining, a Model "A" Hercus lathe AR type fitted with taper turning attachment and steadies, plus a set of collets, a milling machine with a vertical head attachment, dividing head, etc., Waldown drilling machine, bench grinder, bandsaw for metal, and oxy set is employed. Also arc welder. Added to this John has a fine collection of taps and dies, milling cutters and several precision measuring tools. He showed me a part finished shaper which he hopes to complete soon, thus adding to his set up. A set of "Centaur" gas engine castings could well be the next project to receive his attention and should make a very attractive working model of a past era. John informed me that he has made 4 stationary steam engines and a part-completed roadroller. Whilst at his workshop, he showed me the steam whistle he brought back from W.A. recently. Fitted to his "Jubilee" it should be sufficient to scare the daylights out of any vandals we have suffered from.

ROGER GEISECKE

An evening at Roger's workshop is time well spent, for here I saw the work of what I would term a perfectionist. An inspection of his 2-6-6-6 mallet revealed attention to detail which is rarely seen. The completed parts comprise boiler and tender with frame, wheels, cylinders and baker gear nearly finished. Pistons and valve are fitted with rings and some ingenious tooling was evolved to machine these parts to his satisfaction. An interesting feature is the 6 wheeled tender with buck eye bogie and the 6 wheeled trailing truck to support the large firebox. Apart from modelling Roger is interested in tool and jig design and cutter making. Geology claims some of his spare time and he showed me rock samples gathered locally and polished.

Turning to his equipment, a Myford ML7 with dividing head and vertical slide takes care of his lathe operations. A bench drill (by C. Miller) and an epicyclic back geared milling machine (C. Miller's pattern) cover other phases of machining. A useful accessory for the mill is a rotary milling table made by Roger. Other useful plant comprise air compressor, mandrel press, 6" emery wheel and a large surface plate. A member since 1952 he has also built his well known 500 loco which has covered 630 miles.

TOM ENGLAND

The hallmark of the skilled technician is revealed in an inspection of Tom's workshop and models he has constructed. His beautifully built $3\frac{1}{2}$ " Brittania bears witness to this and also to his ingenious use of a toggle press for stamping out flat springs, name plate letters etc. His background in electrical work has enabled him to develop a 4 channel radio control for boats and this should prove to be of interest to our members concerned with that phase of modelling.

Tom used to take a keen interest in photography but of late has turned his attention to modelling. (Not the pin-up type!)

He is giving serious thought to constructing a NSW C38 class Pacific and showed me plans of same. Completed, it would be a magnificent piece of work and well worthy of Tom's skill. Over the years he has built a $2\frac{1}{2}$ " gauge Pacific, a small horizontal steam engine (hand made, without a lathe) a 1" gauge tank loco and finally "Brittania" in $3\frac{1}{2}$ " gauge. Equipment for his activities comprise a Myford ML7 lathe fitted with a vertical slide, dividing head, and milling arbor. Also a nicely made rear parting off tool which greatly simplifies this quite often ticklish operation. Another useful item is a special diamond grinder for touching up tipped tools. A small drilling machine takes care of that phase of work. An air-gas torch covers practically all of his brazing and silver soldering requirements. Finally, a toggle press and an excellent assortment of tools completes his set up.

PATRON

Mr. J.A. Fargher

Commissioner, S.A.R.

VICE-PATRONS

Mr. A.W. Crossman

C.M.E. S.A. Railways.

Mr. Harley Hooper

Currator, Science Museum

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- Car Track

Mr. John Moorefield

- Boat Pond

Messrs. Herb Croker, Bob Jackson, Bill Perin.

Boiler Attendants

Messrs. Herb Croker, Arthur Symes, Mark Grimshaw.

Safety Committee

Messrs. Max Dunkley, Ken Hall, Harry Pearce and Arthur Symes.

Proposal by Sydney Live Steam Locomotive Society to compile a roster in booklet form as outlined at general meeting at SASMEE, November 9th. Members who are desirous of having their names included in the booklet are requested to fill in the following and return to the Secretary.

NAME: _____ PHONE NO. _____

ADDRESS: _____

I WOULD WELCOME CORRESPONDENCE AND VISITS FROM INTERSTATE CLUB MEMBERS

YES OR NO

MAIN INTEREST: LOCO, BOATS, CARS (Tick whichever applies)